12-13-2024 SPECIAL LETTING ITEM 003

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FOR INDEX OF SHEETS AND HIGHWAY **STANDARDS, SEE SHEET NO. 2**

THIS PROJECT IS LOCATED IN THE VILLAGE OF ADDISON

TRAFFIC DATA

2023 ADT = 24,100 VPDPOSTED SPEED LIMIT = 40 MPH **OTHER PRINCIPAL ARTERIAL**

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

FAP ROUTE 870: IL 53 (ROHLWING RD) AT CN RR, 0.1–MI SOUTH OF FULLERTON AVE SECTION: FAP 0870 22 BJ PROJECT: NHPP–JSQ5(268) BRIDGE DECK OVERLAY, JOINT REPLACE/REPAIR **DUPAGE COUNTY**

C-91-335-22





FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E. JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123 OR 811

MEADE ELECTRIC CO. DISTRICT ONE ELECTRICAL MAINTENANCE CONTRACTOR LOCATES IDOT ELECTRICAL EQUIPMENT AND UNDERGROUND CABLES 773-287-7672

PROJECT ENGINEER: VESELIN VELICHKOV (847) 705-4432 **PROJECT MANAGER: FAWAD AQUEEL**

CONTRACT NO. 62T30



CONTACT: ALEXANDER LANE (312) 477-0620

ALEXANDER CARL LANE 062-063261

ane

7/26/2024

THIS SEAL AND SIGNATURE

SHEETS 1 TO 9

REVISED SHEET 10/22/2024

INDEX OF SHEETS

SHEET.	NO.	TITLE	

1	COVER SHEET
2	INDEX OF SHEETS, STATE STANDARDS, HMA TABLE, AND GENERAL NOTES
3-4	SUMMARY OF QUANTITIES
5-7	TRAFFIC CONTROL PLANS
8	ROADWAY PLAN
9	PAVEMENT MARKING PLAN
10-32	STRUCTURAL DRAWINGS - S.N. 022-0075
33	BUTT JOINT AND HMA TAPER DETAILS (BD-32)
34	PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE (BM-20)
35	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
36	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) (TC-11)
37	TYPICAL PAVEMENT MARKINGS (TC-13)
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C 37A	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14) 7
38	ARTERIAL ROAD INFORMATION SIGN (TC-22) / DRIVEWAY ENTRANCE SIGNING (TC-26)

STATE STANDARDS

	a
STANDARD NO.	DRAWING NAME
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
••1••1-•2	AREAS OF REINFORCEMENT BARS
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≤ 40 MPH
Ç701601-0 9	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10 701801-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-09	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
780001-05	TYPICAL PAVEMENT MARKINGS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

HMA TABLE

HOT-MIX_ASPHALT_MIXTURE_REQUIRMENTS	i	
MIXTURE TYPE	AIR VOIDS @ Noles	QUALITY MANAGEMENT PROGRAM (QMP)
BUTT JOINT & HMA OVERLAY		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", IL-9.5, N70, 1-3/4"	4% @ 70 Gyr	QC/QA
TEMPORARY PAVEMENT		
HOT-MIX ASPHALT BINDER COURSE, IL-19, N70 (10 INCH)	4% @ 70 Gyr	QC/QA
HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAK	M GUARDRAIL	
HOT-MIX ASPHALT BINDER COURSE, IL-19, N70 (6 INCH)	4% @ 70 Gyr	QC/QA
QMP DESIGNATION: QUALITY CONTROL/ QUALITY ASSURANCE (QC/QA): QUALITY CONTROL FOR P	ERFORMANCE (QCP)	PAY FOR PERFORMANCE (PFP)

MIXTURE REQUIREMENT NOTES:

1.THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN. 2.THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

GENERAL NOTES

- 1. MUNICIPALITIES AND IDOT FOR LOCATES.
- 2.
- З
- 4.
- 5 PRIOR TO BEGINNING CONSTRUCTION AND ORDERING MATERIALS.
- 6. THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.
- 7.
- 8
- 9. MARKINGS
- THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

- UNLESS NOTED ON THE PLANS
- ALLIGNMENT. TIES. AND BENCHMARKS ARE NOT AVAILABLE
- STARTING WORK TO VERIFY FORESTRY LAYOUT.

-22/22-4					
Pilp		USER NAME = ALane	DESIGNED CW	REVISED - 🛆 ACL 10/9/2024	
AME			DRAWN CW	REVISED -	STATE OF ILLINOIS
E N	1 South Wacker Suite 2650 Chicago, IL 60606	PLOT SCALE = 20.0000 ' / in.	CHECKED ACL	REVISED -	DEPARTMENT OF TRANSPORTATION
W E	P 312.425.9560 F 312.425.9564 www.infrastructure-eng.com		DATE 10/09/2024	REVISED +	
-				-	

THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, LEASED ENFORCEMENT CAMERA SYSTEM FACILITIES AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES,

MEADE ELECTRIC COMPANY, THE IDOT DISTRICT ONE ELECTRICAL MAINTENANCE CONTRACTOR, LOCATES IDOT ELECTRICAL EQUIPMENT AND UNDERGROUND CABLES. CALL 773-287-7672 FOR THE INITIAL LOCATE. REQUEST FOR LOCATES OF PREVIOUSLY MARKED FACILITIES MAY BE AT THE CONTRACTOR'S EXPENSE.

IN ADDITION TO FIELD REVIEW AND AERIAL DATA, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO ROUTINE VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY EXISTING FURNS ARE SUBJECT TO KOTING VARIATIONS. IT SHALL BE THE CONTRACTOR S RESPONSIBILITY TO VERIFY EXISTING FURNSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE BID PRICE FOR THE WORK.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD

THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH

THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, WASTE, USE (BWU) AREAS. PRIOR TO THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, WASTE, USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR SHALL SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION 11.G.1. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSDURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR, AT KALPANA.KANNAN-HOSDURGA@ILLINOIS.GOV, A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK

THE RESIDENT ENGINEER SHALL CONTACT WALTER CZARNY, AREA TRAFFIC FIELD ENGINEER, AT WALTER.CZARNY@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT

10. THE DEPARTMENT HAS DETERMINED THAT IN STREAM WORK IS NOT REQUIRED FOR THE WORK SPECIFIED IN THIS CONTRACT. THE DEPARTMENT HAS NOT OBTAINED A USACE PERMIT. IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING AN USACE PERMIT, IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER USACE PERMITS. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO SECURE AND COMPLY WITH A USACE PERMIT FOR CONTRACTOR'S ACTIVITIES WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF

11. THESE PLANS HAVE BEEN PREPARED FROM NOTES RECEIVED FROM I.D.O.T. FIELD MAINTENANCE ENGINEERS.

12. THE CONTRACTOR SHALL USE CARE IN REMOVING OR EXCAVATING NEAR ALL EXISTING ITEMS WHICH WILL REMAIN. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

13. SAW CUTTING PRIOR TO ANY REMOVAL ITEMS NOTED ON THE PLANS OR DIRECTED BY THE ENGINEER SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEMS BEING REMOVED.

14. FOR WORK OUTSIDE THE LIMITS OF BRIDGE APPROACH PAVEMENT. ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT SHALL BE EPOXY COATED

15. DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS-RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTENT)" SHOWN IN PLANS

16. THE CENTERLINE IS FOR INFORMATION ONLY. IT WAS DEVELOPED FROM AERIALS AS A BEST FIT APPROXIMATION.

17. PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE AND SELECTIVE CLEARING SHALL BE DONE PRIOR TO CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL CONTACT IDOT ROADSIDE DEVELOPMENT UNIT AT 847-705-4171 ONE WEEK PRIOR TO

/1\ REVISED SHEET 10/22/2024

MA TABLE, ANI	D GENERAL NOTES	F.A.P. RTE.	SEC	TION	-	COUNTY	TOTAL SHEETS	SHEET NO.
		870	FAP 087	0 22 BJ		DUPAGE	38	2
						CONTRACT	NO. 62	2T30
STA.	TO STA.			ILLINOIS	FED. AI	D PROJECT		

REV-SEP

Number Direction D	2				CONSTRUC	TION CODE						CONSTRUC	TION C	ODE
Number Description Descripti				URBAN	0047						URBAN	0047		
Normal Normal <th>PAY ITEM</th> <th>DESIGNATION</th> <th>UNIT</th> <th>TOTAL</th> <th>80% FEDERAL 20% STATE</th> <th>100% STATE</th> <th>PA NI</th> <th>umber</th> <th>DESIGNATION</th> <th>UNIT</th> <th>TOTAL</th> <th>80% FEDERAL 20% STATE</th> <th>100% STATE</th> <th><u></u></th>	PAY ITEM	DESIGNATION	UNIT	TOTAL	80% FEDERAL 20% STATE	100% STATE	PA NI	umber	DESIGNATION	UNIT	TOTAL	80% FEDERAL 20% STATE	100% STATE	<u></u>
Mathematican Market	20200100	ΕΑΪΤΗ ΕΧΟΑΛΑΠΟΝ	CU YD	15	15		* 66	901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1		
name nam name name name <						à		1						
Based Based operations	40600290	BTTUMINOUS MATERIALS (TACK COAT)	POUND	418	478		* 66	6901006	REGULATED SUBSTANCES MONITORING	CAL DA	1	1		
Image: state in the s	40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	430	430		67	7100100	MOBILIZATION	L SUM	1	1		
control contro <thcontrol< th=""> <thcontrol< th=""> <thco< td=""><td></td><td></td><td></td><td></td><td></td><td>5</td><td>{70</td><td>300150</td><td>SHORT TERM PAVEMENT MARKING REMOVAL</td><td>SQ FT</td><td>2,390</td><td>2,390</td><td>$\frac{1}{2}$</td><td></td></thco<></thcontrol<></thcontrol<>						5	{70	300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2,390	2,390	$\frac{1}{2}$	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	10304051	HOUNCASHALL THESE COURSES IN TAXA NUS	530	P21	-41			0107025	CHANGEABLE MESSAGE SIGN	CAL DA	220	220		
Schele 2 Description of the sound state 2 sound state								307100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE	SQ FT			31	· .
242000 Partially constructionality is introduced. Partially constructi	40604172	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70	TON	87	87		70	0307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FÖÖT	5,870	5,870		-
CHARDING DEVENDED SUMMALE SUMMA		where site with the second method and and a second to be a transmit			lite at a			307130	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	FOOT	593	593	<u>3/1\'</u>	
Mark in Account of a basis Other is an interpret of a basis Othe	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	185.0	185.0			0400100	TEMPORARY CONCRETE BARRIER	FOOT	800			
Matrix	J.J.AAATSAA	AND MER THE TO SHELLED IN SHORE	-35,82		120	a							ل176	
Automatic Introduct Entroduct Image: International State Sta	44000100	PAVEMENT REMOVAL	SQ YD	287	287				RELOCATE TEMPORARY LUNCKETE BARKIEK		min	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	ì	-
Name Description Descripion <thdescription< th=""> <thde< td=""><td>44000600</td><td>EIDEWALK DEMANA</td><td>60 ST</td><td>105</td><td>195</td><td>-</td><td></td><td>0600240</td><td>IMPACT ATTENDATORS, TEMPORART (NON- REDIRECTIVE), TEST LEVEL 2</td><td>EACH</td><td>2</td><td>Z</td><td></td><td></td></thde<></thdescription<>	44000600	EIDEWALK DEMANA	60 ST	105	195	-		0600240	IMPACT ATTENDATORS, TEMPORART (NON- REDIRECTIVE), TEST LEVEL 2	EACH	2	Z		
Matrix	44000000		3Q FI	105	105	0		0000241	IMPACT ATTENUATORS, REMOVING (NON REDIRECTIVE, MARNOW, REST LEVEL 2	EACU	2	2	3A-'	-
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	44002100		SO FT	1 710	1 710			0600341		EACH	, <u>Z</u>	2	<u>}</u> '	-
Model	44003100		5911	1,719	1,719		-1 6				h	h	}′	-
Matrix Matrix <td>50102400</td> <td>CONCRETE REMOVAL</td> <td>CU YD</td> <td>53</td> <td>53</td> <td>5. </td> <td>* 72</td> <td>2000100</td> <td>SIGN PANEL - TYPE 1</td> <td>SQ FT</td> <td>7.5</td> <td>7.5</td> <td></td> <td></td>	50102400	CONCRETE REMOVAL	CU YD	53	53	5. 	* 72	2000100	SIGN PANEL - TYPE 1	SQ FT	7.5	7.5		
SD15 m Rever serve serv													′	-
Subscie Outcome	50157300	PROTECTIVE SHIELD	SQ YD	380	380	-	* 72	2400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	1	'	
Subscription S			-		1.00		-	the second second			10.00		′	
503000 PROTECTIVE CONT 50 Y0 1.704 <td>50300255</td> <td>CONCRETE SUPERSTRUCTURE</td> <td>CU YD</td> <td>60</td> <td>60</td> <td></td> <td>* 72</td> <td>2800100</td> <td>TELESCOPING STEEL SIGN SUPPORT</td> <td>FOOT</td> <td>13.5</td> <td>13.5</td> <td></td> <td></td>	50300255	CONCRETE SUPERSTRUCTURE	CU YD	60	60		* 72	2800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	13.5	13.5		
Normality Norma	50300300	PROTECTIVE COAT	SQ YD	1,706	1,706		* 78	8004635	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 7"	FOOT	594	594		
Subscription Provide back section Provide		and the set as well for the test of the	10100	10.075	- 215		-		- Transmiss the sector functional transmiss, the sector of the sector			347	′	
Substrate Subst	50500405	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	8,800	8,800	8	* 78	8009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	204	204	[_]	-
Space Production Point Production Productin Production Producti	10000001	DENICODECNICHT DADE COATED	BOUND	7.070	7.070	7	20	0000004	APPRICE UETHANC BARACAT MADING - INC. 40	FOOT	4 135	4 1 7 6	′	-
S0000513 BAR SPLICERS EACH 112 </td <td>50800205</td> <td>REINFORCEMENT BARS, EPOAT COATED</td> <td>POUND</td> <td>7,070</td> <td>7,070</td> <td></td> <td>* 70</td> <td>8009004</td> <td>MODIFIED ORETTAINE PAVEMENT MARKING - LINE 4</td> <td>FUUT</td> <td>4,138</td> <td>4,138</td> <td></td> <td></td>	50800205	REINFORCEMENT BARS, EPOAT COATED	POUND	7,070	7,070		* 70	8009004	MODIFIED ORETTAINE PAVEMENT MARKING - LINE 4	FUUT	4,138	4,138		
Note	50800515	BAR SPLICERS	EACH	112	112	7	* 78	8009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	526	526		<u> </u>
S20010 PROF S18	Service V. D.A.		-	3.100	-110		-	e ana ana ang ang ang ang ang ang ang ang	New area to be a serviced, and the service of a local service of a first service.				′	-
930100 Control Lou Synthemate International Control Lou Synthematic Internatinternational Control Lo	52000110	PREFORMED JOINT STRIP SEAL	FOOT	318	318		* 78	8009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	437	437		
Image: Construction of the constructin of the construction of the cons	59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	15	15		* 78	8009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	153	153		
Mathematical and									~				,	
1 1	1010100	CONTRACTOR CONCERNENT OF CARL AND AND CARL AND CARL	302	236	<i>三年</i> 年作		* 78	8009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	56	56		
Image: Construction of the constructin of the construct	60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	1,719	1,719		* 78	8011040	GROOVING FOR RECESSED PAVEMENT MARKING 8"	FOOT	594	594		
6690200 NON-SPECIAL WASTE DISPOSAL CU YD 15.0 15.0 15.0 * 7810010 RAISED REFLECTIVE PAVEMENT MARKER EACH 4													′	
6690050 Soli Disposal Analysis EACH 1 1 1 7830020 RASED REFLECTIVE PAVEMENT MARKER REMOVAL EACH 4 <th< td=""><td>66900200</td><td>NON-SPECIAL WASTE DISPOSAL</td><td>CU YD</td><td>15.0</td><td>15.0</td><td></td><td>* 78</td><td>8100100</td><td>RAISED REFLECTIVE PAVEMENT MARKER</td><td>EACH</td><td>4</td><td>4</td><td></td><td>-</td></th<>	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	15.0	15.0		* 78	8100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	4	4		-
And	66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1		78	8300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	4	4		
66901001 REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN L SUM 1 1 1 78300202 PAVEMENT MARKING REMOVAL - WATER BLASTING \$Q FT 1.860					_				and a construction of the second state of the				′	÷
	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	i	1	0	78	8300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	1,860	1,860		

		USER NAME = ALane	DESIGNED - CW	1	REVISED -			IANITITIES	71	F.A.P.	SECTION	COUNTY	TOTAL S	HEET
	STRUCTURE		DRAWN - CW	/	REVISED -	STATE OF ILLINOIS				870	FAP 0870 22 BJ	DUPAGE	38	3
1 South Wacker Su	Suite 2650 Chicago, IL 60606	PLOT SCALE = 20.0000 ' / in.	CHECKED ACL	L	REVISED -	DEPARTMENT OF TRANSPORTATION	IL-53 UVER CN KAILKUAD					CONTRACT	NO. 62T	30
P 312.425.9560 F 312.4	.425.9564 www.infrastructure-eng.com		DATE - 08/0	/07/2024	[SCALE:	STA.	TO STA.		ILLINOIS FED. A	D PROJECT		

1 REVISED SHEET 10/22/2024

			;	CONSTRUC	TION CODE					CONSTRUC	TION CO	DDE
			URBAN	0059		j .			URBAN	0059		
PAY ITEM NUMBER	DESIGNATION	UNIT	TOTAL QUANTITY	80% FEDERAL 20% STATE	100% STATE	PAY ITE NUMBE	DESIGNATION	UNIT	TOTAL QUANTITY	80% FEDERAL 20% STATE	100% STATE	
K1004595	PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE	L SUM	1	1	1	* x783005	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR	EACH	110	110		
	n anna an tha ann ann ann ann an ann an anna. N					2004910	RAISED PAVEMENT MARKER REFLECTOR REPLACEMENT	540-MD				
X0300062	GRAFFITI REMOVAL	SQ YD	5	5		Z006245	TEMPORARY PAVEMENT	SQ YD	287	287		
0												-
X5030539	FLOOR DRAIN TO BE CLEANED	EACH	12		12	Z006460	SELECTIVE CLEARING	ACRE	0.03	0.03		
L					a				·			<u> </u>
X4400503	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET	FEET	708	708	3	Z006570	SLOPE WALL REPAIR	SQ YD	87	87		
X5030250	BRIDGE DECK GROOVING (LONGITUDINAL)	SQ YD	960	960		Z007320	TEMPORARY SHORING AND CRIBBING	EACH	13	13		
VEE 97000		FOOT	60		60	7007251	TEMPEDADY TO A CELC STONIAL TIMENOC	EACH	1	1	┝──┤	-
X3334800	STORM SEAVERS TO BE CLEANED 12	FUUT	60		60	2007351	TEMPORART TRAFFIC SIGNAL TIMING	EACH	1	1	\vdash	
X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	12	12								
					0							
X 7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1								
-					· · · · · ·						!	<u> </u>
X 7830050	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	110	110								-
20001700		SO VD	1-7	17							├───┤	h
20001700	AFFROACH JUND REPAIR (FULL DEFIN)	30 10	17	17		-	1					
Z0001800	APPROACH SLAB REPAIR (PARTIAL DEPTH)	SO YD	28	28			2 2					
					G							-
Z0001903	STRUCTURAL STEEL REMOVAL	ROUND	8,800	8,800	-							
						1						
Z0005216	HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL	SQ YD	49	49	1				-			
								-				
Z0006016	BRIDGE DECK LATEX CONCRETE OVERLAY, 2 3/4 INCHES	SQ YD	1,115	1,115							<u> </u>	
	PEARS INTER AND DE ENERTING ENERTING DAN INC.	COOT		70	N		5					-
20007122	REMOVING AND RE-ERECTING EXISTING RAILING	FOOT	78	78							┢───┤	
Z0012130	BRIDGE DECK SCARIFICATION 3/4"	SO YD	1.115	1.115		-						F
			/		7					-		G.
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	396	396	0							1
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	1	1								
Z0018051	DRAINAGE SCUPPERS TO BE ADJUSTED	EACH	4	4		-						
	DINALNAN'S MTRUMMURSH WAS NO AS SALED	E										-
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	4		4							-
70020000	DIAMOND GRINDING (BRIDGE SECTION)	SO VD	1 216	1 216		-						
20023030	animatia famina (numar securat)	2610	4,4,40	1,4 1,9					-		<u> </u>	
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	62	62		1	1 ⁻¹		-			
			· · · · · ·	~		1					$ \longrightarrow $	
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1								
					0							
* = SPECIA	LTY ITEM	9				102			94X	o (*		61

	USER NAME = ALane	DESIGNED CW	REVISED _			SUMMARY OF OU	ANTITIES	71	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN CW	REVISED _	STATE OF ILLINOIS		U_53 OVER CN F			870	FAP 0870 22 BJ	DUPAGE	38	4
1 South Wacker Suite 2650 Chicago, IL 6060	6 PLOT SCALE = 20.0000 ' / in.	CHECKED ACL	REVISED -	DEPARTMENT OF TRANSPORTATION							CONTRACT	NO. 62	Г30
P 312.425.9560 F 312.425.9564 www.infrastructure-eng.com		DATE 08/07/2024			SCALE:		STA.	TO STA.		ILLINOIS FED. AI	AID PROJECT		1

MAINTENANCE OF TRAFFIC GENERAL NOTES

- 1. ALL MAINTENANCE OF TRAFFIC (MOT) LANE CLOSURES CAN BE COMPLETED WITH IDOT HIGHWAY STANDARDS. THE MOT PLANS SHALL SERVE AS A GUIDE FOR SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT. HOWEVER, THE CONTRACTOR MAY IMPROVE OR MODIFY THE MOT PLANS TO MEET CONSTRUCTION NEEDS BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CHANGES TO THE MOT PLANS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
- 2. THE CONTRACTOR SHALL CONTACT THE IDOT DISTRICT 1 ARTERIAL TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- 3. THE IL 53 (S ROHLWING RD) WORK ZONE SPEED LIMIT SHALL BE 35 MPH.
- 4. CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED TWO WEEKS PRIOR TO ALL TRAFFIC STAGE CHANGES ON EACH APPROACH OF THE EFFECTED ROADWAY TO WARN MOTORISTS OF THE UPCOMING EVENT. THE SIGN MESSAGES SHALL BE REVISED TWO WEEKS THEREAFTER WITH MESSAGES WARNING TRAFFIC OF POTENTIAL TRAFFIC DELAYS, QUEUING AND/OR WITH MESSAGES NOTIFYING TRAFFIC TO USE ALTERNATE ROUTES. THE SIGN LOCATIONS AND MESSAGES SHALL BE DETERMINED BY THE ENGINEER.



ON SN 022-0075

- 6. THE CONTRACTOR SHALL NOT OBSTRUCT ANY EXISTING SIGN OR PEDESTRIAN SIDEWALK WITH THE PLACEMENT OF TEMPORARY CONSTRUCTION SIGNING. THE CONTRACTOR MUST MAINTAIN A 4-FOOT MINIMUM CLEAR WIDTH ON ALL SIDEWALKS WHEN INSTALLING TEMPORARY CONSTRUCTION SIGNS ON OR NEAR SIDEWALKS THAT ARE OPEN TO PEDESTRIANS.
- 7. CONTRACTOR SHALL REMOVE OR COVER ALL W21-1 (WORKERS PRESENT) AND W20-7 (FLAGGER) SIGNS, WITHIN AN HOUR WHEN WORKERS ARE NOT PRESENT OR IF THE SIGN IS NOT APPLICABLE.

IL-53 CONSTRUCTION STAGING

MAINTENANCE OF TRAFFIC - PRE-STAGE

CONSTRUCTION:

1. REMOVE MEDIAN NORTH OF BRIDGE AND REPLACE WITH TEMPORARY PAVEMENT.

MAINTENANCE OF TRAFFIC:

1. CLOSE THE INSIDE LANE IN EACH DIRECTION BY STANDARD. 1 LANE IN EACH DIRECTION SHALL BE MAINTAINED.

MAINTENANCE OF TRAFFIC - STAGE 1

CONSTRUCTION:

1. COMPLETE BRIDGE DECK AND JOINT REPAIRS AND OVERLAY ON THE OUTSIDE OF THE BRIDGE IN THE NORTHBOUND AND

SOUTHBOUND DIRECTIONS.

2. COMPLETE APPROACH SLAB REPAIRS AND OVERLAY ON THE OUTSIDE OF THE NORTHBOUND AND SOUTHBOUND DIRECTIONS.

MAINTENANCE OF TRAFFIC

1. CLOSE THE OUTSIDE NORTHBOUND AND SOUTHBOUND LANE OF TRAFFIC AND SHIFT TRAFFIC TO THE INSIDE NORTHBOUND AND SOUTHBOUND LANE. 1 LANE SHALL BE MAINTAINED EACH DIRECTION.

MAINTENANCE OF TRAFFIC - STAGE 2

CONSTRUCTION:

1. COMPLETE BRIDGE DECK AND JOINT REPAIRS AND OVERLAY ON THE INSIDE OF THE BRIDGE IN THE NORTHBOUND AND SOUTHBOUND DIRECTIONS.

2. COMPLETE APPROACH SLAB REPAIRS AND OVERLAY ON THE INSIDE OF THE NORTHBOUND AND SOUTHBOUND DIRECTIONS.

3. REBUILD THE CONCRETE MEDIAN NORTH OF BRIDGE

MAINTENANCE OF TRAFFIC:

1. CLOSE THE INSIDE NORTHBOUND AND SOUTHBOUND LANE OF TRAFFIC AND SHIFT TRAFFIC TO THE OUTSIDE NORTHBOUND AND SOUTHBOUND LANE. 1 LANE SHALL BE MAINTAINED EACH DIRECTION.

WORK ZONE SPEED LIMIT: EXISTING POSTED PROPOSED POSTED

	SPEED	SPEED
STAGE 1	40 MPH	35 MPH 3
STAGE 2	40 MPH	35 MPH 3





1 REVISED SHE	ET 10
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	USER NAME = ALane	DESIGNED -	CW	REVISED - 🔬 ACL 10/18/2024			TRAFFIC CONTRO
INFRASTRUCTURE		DRAWN -	CW	REVISED -	STATE OF ILLINOIS		
 1 South Wacker Sulte 2650 Chicago, IL 60606	PLOT SCALE = 20.000 / in	CHECKED -	ACL	REVISED -	DEPARTMENT OF TRANSPORTATION		GENERAL NUTES AND I
P 312 425 9560 F 312 425 9564 www.infrastructure.eng.com		DATE -	10/09/2024	REVISED -		SCALE:	

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				CONTRACT	NO.	62T3
STA.	TO STA.	ILLINOIS FI	ED. AI	D PROJECT		



INDEX OF SHEETS

- 1. General Plan and Elevation
- 2. General Notes, Scope of Work, & Bill of Materials
- 3. Stage Construction Details
- 4. Temporary Concrete Barrier For Stage Construction
- 5. Deck Repair Plan
- 6. Abutment and Deck Concrete Removal
- 7. Abutment and Deck Concrete Removal Sections (Sheet 1 of 2)
- 8. Abutment and Deck Concrete Removal Sections (Sheet 2 of 2)
- 9. Abutment and Deck Alterations
- 10. Abutment and Deck Alteration Sections (Sheet 1 of 2)
- Abutment and Deck Alteration Sections (Sheet 2 of 2)
 Abutment and Deck Alteration Details
- Abutment and Deck Alteration Details
 Deck Details at Drainage Structures
- 14. Approach Pavement Repair Plan
- 15. Preformed Joint Strip Seal Sidewalk (Sheet 1 of 2)
- 16. Preformed Joint Strip Seal Sidewalk (Sheet 2 of 2)
- 17. Framing Plan and Details
- 18. Diaphragm Details
- 19. Abutment Repairs
- 20. Pier 1 Repairs
- 21. Pier 2 Repairs

20'-0'' ge 1 Cor

36'-0" Stage 2 Con

20'-0" Stage 1 Con

- 22. Slopewall Repairs & Replacement
- 23. Bar Splicer Assembly and Mechanical Splicer Details

DESIGN STRESSES

Exist. Construction

 $f^{*}c = 3,500 psi$ (Superstructure Concrete) fy = 60,000 psi (Reinforcement) fy = 50,000 psi (Structural Steel)

New Construction

fc = 4,000 psi (Superstructure Concrete) fy = 60,000 psi (Reinforcement)

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications for Highway Bridges (17th Edition)

LOADING HS20-44

No future wearing surface allowed



<u>GENERAL PLAN AND ELEVATION</u> <u>IL ROUTE 53 OVER IL CN RAILROAD</u> <u>FAP 0870</u> SECTION FAP 0870 22 BJ <u>DUPAGE COUNTY</u> <u>STATION 21+26.80</u> <u>STRUCTURE NO. 022-0075</u>

	F.A.P. RTE	SECT	TION		COUNTY	TOTAL SHEETS	SHEET NO
	870	FAP 087	0 22 BJ		DUPAGE	38	10
					CONTRACT	NO. 6	i2T30
23 SHEETS			ILLINOIS	FED. AI	D PROJECT		

SCOPE OF WORK

- 1. Place protective shield over CN RR tracks.
- Perform $\frac{3}{4}$ " bridge deck scarification on the bridge deck. 2.
- Perform deck slab and approach pavement repair as required. З.
- Apply $2\frac{3}{4}$ " bridge deck latex concrete overlay on the bridge deck. 4.
- Replace transverse deck expansion joints with new preformed strip seal joints at both abutments. 5.
- Clean and adjust bridge floor drains. 6.
- Perform bridge deck grooving (longitudinal) on the bridge deck. 7.
- Perform $\frac{1}{4}$ " diamond grinding on the bridge deck. 8.
- Apply protective coat to the reconstructed top and interior surfaces of the parapets, sidewalks, and concrete overlay 9. areas
- 10. Repair north and south slopewalls.
- 11. Perform structural repair of concrete on the abutments and piers.
- 12. Replace steel diaphragms as required.

ITEM	UNIT	SUPER	SUB	TOTAL
Concrete Removal	Cu Yd	52.1		52.1
Protective Shield	Sq Yd	380		380
Concrete Superstructure	Cu Yd	59.9		59.9
Protective Coat	Sq Yd	1,258		1,258
Furnishing and Erecting Structural Steel	Pound	8,800		8,800
Reinforcement Bars, Epoxy Coated	Pound	7,070		7,070
Bar Splicers	Each	112		112
Preformed Joint Strip Seal	Foot	318		318
Controlled Low-Strength Material	Cu Yd		15	15
Floor Drains to be Cleaned	Each	12		12
Bridge Deck Grooving (Longitudinal)	Sq Yd	960		960
Approach Slab Repair (Full Depth)	Sq Yd	17		17
Approach Slab Repair (Partial Depth)	Sq Yd	28		28
Structural Steel Removal	Pound	8,800		8,800
Bridge Deck Latex Concrete Overlay, $2\frac{3}{4}$ Inches	Sq Yd	1,115		1,115
Removing and Re-erecting Existing Railing	Foot	78		78
Bridge Deck Scarification, ¾"	Sq Yd	1,115		1,115
Structural Repair of Concrete (Depth Equal to or Less than 5 Inches)	Sq Ft		396	396
Deck Slab Repair (Full Depth, Type II)	Sq Yd	1		1
Diamond Grinding (Bridge Section)	Sq Yd	1,216		1,216
Railroad Protective Liability Insurance	L Sum		1	1
Slope Wall Repair	Sq Yd		87	87
Temporary Shoring and Cribbing	Each		13	13

* Quantity is for the top of deck and top and interior faces of new concrete for the parapets and sidewalks

GENERAL NOTES

- 1. All structural steel shall conform to AASHTO Classification M270 Grade 36, unless otherwise noted.
- 2. Fasteners shall be ASTM F3125 Grade A325 Type 1. Fasteners shall be hot dip galvanized. See Special Provision for "Hot Dip Galvanizing for Structural Steel." Bolts 3/4 in. diameter, holes 13/16 in. diameter, unless otherwise noted.
- 3. No field welding is permitted except as specified in the contract documents.
- 4. Reinforcement bars designated (E) shall be epoxy coated.
- Plan dimensions and details relative to the existing structure have been taken from existing plans and 5. are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work; however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
- The existing structural steel coating contains lead. The Contractor shall take appropriate precautions 6. to address the presence of lead on this project.
- 7. In addition to the requirements of Article 107.16, the contractor shall protect the surface of all bridge decks and bridge approach pavements in a manner satisfactory to the engineer before any equipment is allowed to cross the structure. Protection shall be provided for all equipment as defined in Article 107.16 regardless if track mounted or wheeled.
- Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when the 8. deck is poured at an ambient temperature other than 50° F.
- 9. Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose detrimental foreign material shall be removed from the surfaces in contact with concrete (SSPC-SP3 standards). Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be paid for according to Article 109.04 of the Standard Specifications.

- 10. All new structural steel shall be hot-dip galvanized. See Special Provisions for "Hot Dip Galvanizing for Structural Steel"
- 11. Existing structural steel that will be in contact with new structural steel shall be cleaned and painted prior to erection as required by the Special Provision "Cleaning and Painting Contact Surface Areas of Existing Steel Structures", and the Standard Specifications. Cost included with Furnishing and Erecting Structural Steel.
- 12. Existing reinforcement bars extending into the removal area shall be cleaned, straightened, and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system at the contractor's expense.

		USER NAME = ALane	DESIGNED - TY	REVISED -		GENERAL NOTES SCOPE OF WORK & TOTAL BULLOF MATERIAL	F.A.P. BTE	SECTION	COUNTY TOTAL SHEET
			CHECKED - PK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			FAP 0870 22 BJ	DUPAGE 38 11
	1 South Wacker Suite 2650 Chicago, IL 60606	PLOT SCALE =	DRAWN - TY	REVISED -		31RUCIURE NU. 022-0075	_		CONTRACT NO. 62T30
P 3	P 312.425.9560 F 312.425.9564 www.infrastructure.eng.com	PLOT DATE = 9/27/2024	CHECKED - PK	REVISED -		SHEET 2 OF 23 SHEETS		AID PROJECT	

TOTAL BILL OF MATERIAL



ON DETAILS	F.A.P. RTE	SECT	TION		COUNTY	TOTAL SHEETS	SHEET NO
022-0075 23 SHEETS		FAP 0870 22 BJ		DUPAGE	38	12	
					CONTRACT	NO. 6	52T30
			ILLINOIS	FED. AI	D PROJECT		



PLOT DATE = 8/7/2024

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SHEET 4 OF

reinforcement to accommodate the installation of the retainer assemblies.

with an initial hot-mix asphalt (HMA) wearing surface present. The deck beam directly beneath the temporary concrete barrier shall be fabricated with bar splicer inserts in the side of the beam, as detailed, to accommodate the installation of the retainer assemblies. A pair of bar splicers, 6" apart,

FOR STAGE CONSTRUCTION	F.A.P. RTE	SECTION		COUNTY	TOTAL SHEETS	SHEET NO
022–0075		870 FAP 0870 22 BJ		DUPAGE	38	13
				CONTRACT	NO. 6	2T30
23 SHEETS		ILLINO	IS FED. A	ID PROJECT		



1 South Wacker | Sulte 2650 | Chicago, IL 60606

PLOT DATE = 9/27/2024

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BILL OF MATERIAL

ITEM	UNIT	TOTAL
Protective Coat	Sq Yd	1,258
Bridge Deck Grooving (Longitudinal)	Sq Yd	960
Bridge Deck Latex Concrete Overlay, $2\frac{3}{4}$ "	Sq Yd	1,115
Bridge Deck Scarification, ³ / ₄ "	Sq Yd	1,115
Deck Slab Repair (Full Depth, Type II)	Sq Yd	1

PLAN	F.A.P. RTE	SECT	ION		COUNTY	TOTAL SHEETS	SHEET NO	
022–0075 23 SHEETS		FAP 0870 22 BJ		DUPAGE	38	14		
					CONTRACT NO. 62T			
			ILLINOIS	FED. AI	D PROJECT			



NOTE

- 1. For Sections A-A thru D-D, see Sheet 7 of 23.
- 2. For Sections E-E thru G-G, see Sheet 8 of 23.

	USER NAME = ALane	DESIGNED - TY	REVISED -		ABUTMENT AND DECK CONCRETE REMOVAL	F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
		CHECKED - PH	K REVISED -	STATE OF ILLINOIS STRUCTURE NO. 022–0075	STRUCTURE NO 022 0075	870	FAP 0870 22 BJ	DUPAGE	38	15
1 South Wacker Sulte 2650 Chicago, IL 6060	FLOT SCALE =	DRAWN - TY	REVISED -	DEPARTMENT OF TRANSPORTATION	ABUTMENT AND DECK CONCRETE REMOVAL RTE. SECTION PORTATION SHEET 6 OF 23 SHEETS ILLING		CONTRACT		,2T30	
P 312 425 9560 F 312 425 9564 www.infrastructure.eng.com	PLOT DATE = 8/7/2024	CHECKED - PH	K REVISED -		SHEET 6 OF 23 SHEETS		ILLINOIS FED. A		AID PROJECT	

LEGEND

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Concrete Removal



	DESIGNED - TY	REVISED -		ABUTMENT AND DECK CONCRETE REMOVAL SECTIONS (SHEET 1 OF 2)	HEET 1 OF 2) RTE. SECTION CC 870 FAP 0870 22 BJ D CO	COUNTY	SHEETS	SHEE NO.	
	CHECKED PK REVISED STATE OF ILLINOIS DRAWN TY REVISED DEPARTMENT OF TRANSPORTATION	STATE OF ILLINOIS		870	FAP 0870 22 BJ	DUPAGE	38	16	
1 South Wacker Sulte 2650 Chicago, IL 60606 PLOT SCALE =	DRAWN - TY	REVISED -	DEPARTMENT OF TRANSPORTATION	311100101E NO. 022-0075			CONTRACT	ΓΝΟ. Ε	52T30
P 312 425 3560 F 312 425 3564 www.infrastructure-eng.com PLOT DATE = 8/7/2024	CHECKED - PK	REVISED -		SHEET 7 OF 23 SHEETS		ILLINOIS FED.	AID PROJECT		

1	UNIT	TOTAL
emoval	Cu Yd	52.1

OVAL SECTIONS (SHEET 2 OF 2) 022–0075		SECTION		COUNTY	TOTAL SHEETS	SHEET NO	
		870 FAP 0870 22 BJ			DUPAGE	38	17
					CONTRACT	NO. 6	52T30
23 SHEETS			ILLINOIS	FED. AI	D PROJECT		

INFRASTRUCTURE	USER NAME = ALane	DESIGNED - CHECKED -	TY PK	REVISED - REVISED -	STATE OF ILLINOIS	ABUTMENT AND DECK CONC
1 South Wacker Sulte 2650 Chicago, 11 60606	PLOT SCALE =	DRAWN -	TY	REVISED -	DEPARTMENT OF TRANSPORTATION	STRUCTURE NO. 0
P 312 425 9560 F 312 425 9564 www.infrastructure.eng.com	PLOT DATE = 9/27/2024	CHECKED -	PK	REVISED -		SHEET 9 OF 23

	USER NAME = ALane	CHECKED - PK	REVISED - REVISED -	STATE OF ILLINOIS	ABUTMENT AND DECK CONCRETE ALTEF
1 South Wacker Sulte 2650 Chicago, 11 60606	PLOT SCALE =	DRAWN - TY	REVISED -	DEPARTMENT OF TRANSPORTATION	SINUCIUNE NU.
P 312 425 9560 F 312 425 9564 www.infrastructure.eng.com	PLOT DATE = 9/27/2024	CHECKED - PK	REVISED -		SHEET 10 OF

ATION SECTIONS (SHEET 1 OF 2) 022–0075		SECTION			COUNTY	TOTAL SHEETS	SHEET NO.	
		FAP 087	0 22 BJ		DUPAGE	38	19	
					CONTRACT	NO. 6	2T30	
23 SHEETS			ILLINOIS	FED. AI	D PROJECT			

INFRASTRUCTURE ENGINEERING INCOPOLATE 1 South Wacker Softe 250 (Chcago, IL 66006 P122435591 F1224555591 www.infrastructure-ing.com	USER NAME = ALane	DESIGNED - TY	REVISED -		ABUTMENT AND DECK CONCRETE ALTERATION SECTIONS (SHEET 2 OF 2)		SECTION	COUNTY	TOTAL SHEET SHEETS NO.
		CHECKED - PK	REVISED -	STATE OF ILLINOIS	STRUCTURE NO 022 0076	870	FAP 0870 22 BJ	DUPAGE	38 20
	PLOT SCALE =	DRAWN - TY	REVISED -	DEPARTMENT OF TRANSPORTATION	51RUCTURE NU. 022-0075			CONTRACT	NO. 62T30
	PLOT DATE = 9/27/2024	CHECKED - PK	REVISED -		SHEET 11 OF 23 SHEETS		ILLINOIS FED. AI	D PROJECT	

REVISED

SHEET 12 OF

Bar	No.	Size	Length	Shape	
a(E)	48	#5	38'-2''		
a1(E)	96	#5	21'-0''		
c(E)	44	#5	2'-5''		
c1(E)	44	#5	6'-1''		
d(E)	36	#4	4'-10''	L	
d1(E)	36	#6	3'-9''	·	
d2(E)	8	#4	2'-1''		
h(E)	8	#6	38'-2''		
h1(E)	16	#6	21'-0''		
x(E)	450	#5	2'-11''		
Concret	e Superst	ructure	Cu Yd	59.9	
Reinfor	cement B	ars,	Pound	7 070	
Ероху С	Coated	round	7,070		
Removi	ng and Re	Foot	78		
Existing	Railing		1000	70	

Location	Т	А	В
All locs. not over exp. jts.	0	<i>3</i> ∕8"	1'-2"
Over Strip Seal Jt.	<u>≤</u> 4"	2½"	1'-2"

TE ALTERATION DETAILS 022–0075		SECT	SECTION			TOTAL SHEETS	SHEET NO
		870 FAP 0870 22 BJ			DUPAGE	38	21
					CONTRACT	NO. 6	52T30
23 SHEETS			ILLINOIS	FED. AI	D PROJECT		

		DESIGNED - TY	REVISED -		DECK DETAILS AT DRAINAGE STRUCTURES	F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET
ENGL	INTERVISED CHECKED PK REVISED STAT		STRUCTURE NO 022 0075	870	FAP 0870 22 BJ	DUPAGE	38	22		
1 South Water [Sub 255] [Chicago, I PLOT SCALE = 1 South Water [Sub 255] [Chicago, I PHOT SCALE = PLOT SCALE = 8/7/2024	DRAWN - TY	REVISED -	DEPARTMENT OF TRANSPORTATION	31N0CTORL NO. 022-0075			CONTRAC	T NO.	62T30	
	60 F 312 425 9564 www.infrastructure.eng.com PLOT DATE = 8/7/2024	CHECKED - PK	REVISED -		SHEET 13 OF 23 SHEETS		ILLINOIS FED. A	AID PROJECT		

SECTION THRU FLOOR DRAINS

Sheet

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BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Floor Drains to be Cleaned	Each	12

PLAN -Z->

LEGEND

Approach Slab Repair (Partial Depth)

Approach Slab Repair (Full Depth)

BILL OF MATERIAL *

ITEM	UNIT	TOTAL
Approach Slab Repair (Full Depth)	Sq Yd	17
Approach Slab Repair (Partial Depth)	Sq Yd	28

* Includes both approach pavements

	USER NAME = ALane	DESIGNED - TY	REVISED -		APPROACH PAVEMENT REPAIR PLAN	F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED - PK	REVISED -	STATE OF ILLINOIS	STRUCTURE NO 022_0075	870	FAP 0870 22 BJ	DUPAGE	38	23
	PLOT SCALE =	DRAWN - TY	REVISED -	DEPARTMENT OF TRANSPORTATION	311001011E NO. 022-0075			CONTRACT	T NO. F	2T30
PLOT D	PLOT DATE = 8/7/2024	CHECKED - PK	REVISED -		SHEET 14 OF 23 SHEETS		ILLINOIS FED. AI	D PROJECT		

– Apply Hot-mixed asphalt on Approach Pavements, see Roadway plan

Notes:

The strip seal shall be made continuous and shall have a minimum thickness of $\frac{1}{4}$ ". The configuration of the strip seal shall match the configuration of the locking edge rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches.

The locking edge rails depicted are configured for typical applications and are conceptual only. The actual configuration of the locking edge rails and matching strip seal may vary from manufacturer to manufacturer provided they fit the application and meet the minimum anchorage shown. Flanged edge rails, however, will not be allowed. Locking edge rails may exceed the $4\frac{1}{2}$ " maximum depth provided the anchorage system is revised according to the manufacturer's recommendation.

The manufacturer's recommended installation methods shall be followed.

All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.

The Maximum space between locking edge rail segments shall be $\frac{3}{16}$ " and sealed with a suitable sealant; however, any rail joint within 10' measured perpendicular to the face of the curb or parapet shall be welded as shown in the locking edge rail splice detail.

The top surface of sidewalk sliding plates shall have a raised pattern according to ASTM A786.

Cost of parapet sliding plates, sidewalk sliding plates, embedded plates, anchorage studs, and expansion anchors included with Preformed Joint Strip Seal.

39" constant slope barrier shown, 44" constant slope barrier similar as noted.

The concrete opening below the strip seal will vary based on the locking edge rail chosen by the Contractor. Deck and parapet lengths shown elsewhere in the plans are dimensioned to the concrete opening, not the joint opening, and are based on the rolled locking edge rail. If the Contractor elects to use a different locking edge rail, dimensional adjustments may be required. One exception to this would be the strip seal joint at the end of the precast bridge approach slab. For these cases the pavement connector length shall be adjusted, not the length of the bridge approach slab.

WELDED RAIL

LOCKING EDGE RAIL SPLICE

The inside of the locking edge rail groove shall be free of weld residue. Rolled rail shown, welded rail similar.

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	318

SIDEWALK (SHEET 1 OF 2)	F.A.P. RTE	SECT	ION		COUNTY	TOTAL SHEETS	SHEET NO.
022_0075	870	FAP 0870) 22 BJ		DUPAGE	38	24
022-0075					CONTRACT	NO. 6	52T30
23 SHEETS			ILLINOIS	FED. AI	D PROJECT		

PK

SHEET	17	OF	2

USER NAME = ALane	DESIGNED - TY	REVISED -		DIAPHRAGM DETAILS	F.A.P. RTE	SECTION	COUNTY	TOTAL SHEET!	SHEET
PLOT SCALE =	CHECKED - PK DRAWN - TY	REVISED -	STATE OF ILLINUIS	STRUCTURE NO. 022-0075	870	FAP 0870 22 BJ	DUPAGE	38	27
PLOT DATE = 9/27/2024	CHECKED - PK	REVISED -		SHEET 18 OF 23 SHEETS		ILLINOIS FED. A	D PROJECT	<u> </u>	62130

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structural Steel Removal	Pound	8,800
Furnishing & Erecting Structural Steel	Pound	8,800

USER NAME = ALane	DESIGNED -	TY	REVISED -		ABUTMENT REPAIRS	F.A.P. RTE	SECTION	COUNTY	TOTAL	5 SHE	ΞT)
	CHECKED -	PK	REVISED -	STATE OF ILLINOIS	STRUCTURE NO 022-0075	870	FAP 0870 22 BJ	DUPAGE	38	2:	5
PLOT SCALE =	DRAWN -	TY	REVISED -	DEPARTMENT OF TRANSPORTATION	3111001011E NO. 022-0073	_		CONTRACT	TNO. F	62T3	ο
PLOT DATE = 8/7/2024	CHECKED -	PK	REVISED -		SHEET 19 OF 23 SHEETS		ILLINOIS FED. A	ID PROJECT			

B ◀ן

BILL OF MATERIAL

ITEM	UNIT	TOTAL
te (Depth Equal To Or Less Than 5 Inches)	Sq Ft	52

PIER 1 NORTH FACE

(Look South)

LEGEND

1

*

Structural Repair Of Concrete (Depth Equal To Or Less Than 5 Inches)

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structural Repair Of Concrete (Depth Equal To Or Less Than 5 Inches)	Sq Ft	168
Temporary Shoring and Cribbing	Each	6

Beam Requires Temporary Shoring

Girder Number

USER NAME = ALane	DESIGNED - TY	REVISED -		PIER 1 REPAIRS	F.A.P. RTE	SECTION	COUNTY	TOTAL SHEET	L SHEET
	CHECKED - PK	REVISED -	STATE OF ILLINOIS	STRUCTURE NO 022-0075	870	FAP 0870 22 BJ	DUPAGE	38	29
PLOT SCALE =	DRAWN - TY	REVISED -	DEPARTMENT OF TRANSPORTATION				CONTRAC	T NO.	62T30
PLOT DATE = 9/27/2024	CHECKED - PK	REVISED -		SHEEL 20 OF 23 SHEELS		ILLINOIS FED. A	ID PROJECT		

INTERIOR BEAM REACTION TABLE AT PIER 1

	Pier 1 S.	Pier 1 N.
R _{DL} (k)	35.3	24.3
R (k)	37.4	34.5
Imp (k)	10.1	10.3
$R_{_{Total}}(k)$	82.8	69.1

USER NAME = ALane	DESIGNED - TY	REVISED -		PIER 2 REPAIRS	F.A.P. RTE	SECTION	COUNTY	TOTAL SH SHEETS	IEET NO.
	CHECKED - PK	REVISED -		STRUCTURE NO 022-0075	870	FAP 0870 22 BJ	DUPAGE	38	30
PLOT SCALE =	DRAWN - TY	REVISED -	DEPARTMENT OF TRANSPORTATION	51100101E NO. 022-0075			CONTRACT	NO. 62	30
PLOT DATE = 9/27/2024	CHECKED - PK	REVISED -		SHEET 21 OF 23 SHEETS		ILLINOIS FED. AII	J PROJECT		

INTERIOR BEAM REACTION TABLE AT PIER 2

	Pier 2 S.	Pier 2 N.
$R_{DL}(k)$	24.3	35.3
R ₁₁ (k)	34.5	37.4
Imp (k)	10.3	10.1
R _{Total} (k)	69.1	82.8

PLAN

LEGEND

Slope Wall Repair

USER NAME = ALane	DESIGNED - TY	REVISED -		SLOPEWALL REPAIRS & REPLACEMENT	F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET
PLOT SCALE =	CHECKED - PK DRAWN - TY	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STRUCTURE NO. 022–0075	870	FAP 0870 22 BJ	DUPAGE CONTRACT	38 T NO.	31 62T30
PLOT DATE = 8/7/2024	CHECKED - PK	REVISED -		SHEET 22 OF 23 SHEETS		ILLINOIS FED.	AID PROJECT		

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Controlled Low-Strength Material	Cu Yd	15
Slope Wall Repair	Sq Yd	87

STANDARD BAR SPLICER ASSEMBLY PLAN

Only bar splicer assemblies as presented on the approved QPL list may be used.

Threaded splicer bar length = min. lap length + $1\frac{1}{2}$ " + thread length

* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar	No. assemblies	Minimum
Location	size	required	lap length
S. End Span 1 Deck	#5	16	3'-4''
N. End Span 1 Deck	#5	16	3'-4''
S. End Span 2 Deck	#5	16	3'-4''
N. End Span 2 Deck	#5	16	3'-4''
S. End Span 3 Deck	#5	16	3'-4''
N. End Span 3 Deck	#5	16	3'-4''
S. Abutment	#6	8	4'-0''
N. Abutment	#6	8	4'-0''

INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.

"B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.

(E) : Indicates epoxy coating.

Notes: alternatives.

BSD-1

5-15-2023

USER NAME = ALane	DESIGNED - TY CHECKED - PK	REVISED - REVISED -	STATE OF ILLINOIS	BAR SPLICER ASSEMBLY AND MECH
PLOT SCALE =	DRAWN - TY	REVISED -	DEPARTMENT OF TRANSPORTATION	STRUCTURE NO. 02
PLOT DATE = 8/7/2024	CHECKED - PK	REVISED -		SHEET 23 OF 23

STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required

Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.

All reinforcement shall be lapped and tied to the splicer bars.

Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications. See approved list of bar splicer assemblies and mechanical splicers for

SHEE NO. SECTION COUNTY IANICAL SPLICER DETAILS FAP 0870 22 BJ DUPAGE 38 32 870 22-0075 CONTRACT NO. 62T30 SHEETS

1	MA TAPER DETAILS (BD–32)		F.A.P. RTE	SECT	SECTION			TOTAL SHEETS	SHEET NO.	
		. ,	870	70 FAP 0870 22 BJ		DUPAGE	38	33		
_							CONTRACT	NO. 62	2T30	
	STA.	TO STA.			ILLINOIS	FED. AI	ID PROJECT			

		USER NAME = ALane DESIGNED - CW REVISED -					DISTRICT ONE _ PRUNING FOR		
INFRASTRUCTURE ENGINEERING INCORPORATED		DRAWN -	CW	REVISED -	STATE OF ILLINOIS	CLEARANCE (B			
	PLOT SCALE = 20.0000 / in.	CHECKED -	ACL	REVISED -	DEPARTMENT OF TRANSPORTATION				
	P 312.425.9560 F 312.425.9564 www.infrastructure-eng.com		DATE -	08/07/2024			SCALE:		

R SAFETY AND EQUIPMENT		SECTION		COUNTY	TOTAL SHEETS	SHEET NO
		FAP 0870 22 BJ		DUPAGE	38	34
: (BIVI-20)				CONTRACT	NO. 62	2T30
STA. TO STA.		ILLINOIS	FED. A	ID PROJECT		

DISTRICT ONE – TRAFFIC CONTROL AND SIDE ROADS, INTERSECTIONS, AND DRIV
AHEAD * TYPE III BARRICADES WITH TWO FLASHING AMBER LIGHTS ON EACH. ISSE KOTE 2 200' (60 m) DRIVEWA WORK AREA 1 WORK 1 WORK AREA 1 WORK 1 WORK AREA 1 WORK 1 WORK 1 WORK 1 WORK 1 WORK 1
ROAD

STATE OF ILLINOIS	DISTRICT	ONE – TRAFFIC CONTRO	L AND PROTECT	TION FOR	F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	SIDE	SIDE BOADS INTERSECTIONS AND DRIVEWAVS (TC_10)				870 FAP 0870 22 BJ		38	35
DEPARTMENT OF TRANSPORTATION		IOADS, INTENSECTIONS, A	D DHIVLVVAIS	(10-10)			CONTRACT	NO. 62	2T30
	SCALE:		STA.	TO STA.		ILLINOIS FED. A	ID PROJECT		

5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.

- 6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- 7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters)
unless otherwise shown.

	USER NAME = ALane	DESIGNED -	CW	REVISED -		DISTRICT ONE - TYPICAL APPLICA	TIONS BAISED REFLECTIVE	F.A.P. BTE	SECTION	COUNTY	TOTAL	SHEET NO.
INFRASTRUCTORE ENGINEERING INCORPORATED 1 South Wacker [Suite 2659 [Chicago, IL 60606 P312:433:5561 [5112:45:5561] www.infrastructure-reg.com	PLOT SCALE = 20.0000 ' / in.	DRAWN -	CW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKERS (SNOW-PLOW RESISTANT) (TC-11)			FAP 0870 22 BJ	DUPAGE	38	36
		CHECKED -	ACL	REVISED -						CONTRACT NO. (2T30
		DATE - 08/07/2024		SCALE:	STA. TO STA.		ILLINOIS FED. AID PROJECT					

GENERAL NOTES

- 1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
- 2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
- MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
- 4. MARKERS ARE TO BE USED ADJACENT TO BCTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

LANE MARKER NOTES

A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.

B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

SYMBOLS

- ----- YELLOW STRIPE
- WHITE STRIPE
- ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- TWO-WAY AMBER MARKER

DESIGN NOTES

- 1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
- 2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
- 3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
- MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.

All dimensions are in inches (millimeters) unless otherwise shown.

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NOTES:

- 1. A) WHEN "L" IS \leq THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
 - B) WHEN "L" IS > THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
- 2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
- LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
- 4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
- 5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-I100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
- THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
- 7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREOUIREMENTS.
- 8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

ADDED ENTIRE SHEET 10/22/2024

DEL Default		INFRASTRUCTURE ENGINEERING INCORPORTO 1 South Vacker Suite 2550 Ohtago, IL 66666 P32-025556 F312-025556 resultantancerengum	USER NAME = ALane PLOT SCALE = 20.0000 ' / in.	DESIGNED - DRAWN - CHECKED -	CW CW ACL	REVISED - ACL 10/9/2024 REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE)ISTRICT ONE – TRAFFIC CONTROL A (to remain open t)	
¥⊊_	P 3			DATE -	10/09/2024	REVISED -		SCALE:		

870 FAP 0870 22 BJ DUPAGE 38 37A 0 TRAFFIC) (TC-14) CONTRACT NO. 62T30 STA. TO STA

5"			20
4.6"			20
	10"		1
		-1-	30

NOTES:

- FAR LEFT SIDE OF THE DRIVEWAY.

3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.

2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE

3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

NFORMATION SIGN (TC–22) Signing (TC–26)			F.A.P. RTE	SECTION			COUNTY	TOTAL SHEETS	SHEET NO.		
			870	FAP 0870 22 BJ			DUPAGE	38	38		
			CONTRACT NO. 62T30								
	STA.	TO	STA.			ILLINOIS	FED. AI	AID PROJECT			